

Claims

[c1] What is claimed is:

1.A rotating pin clasp apparatus, comprising:

a base member with a cavity formed on the surface of the base member;

a rod disposed in the cavity, the rod comprising:

a first recess;

a pin having a first end rotatably attached to the rod at a pivot; and

a pin-retaining member for clasping a second end of the pin to the rod; and

a first collar formed on the base member and fitted around the first recess for permitting the rod to rotate in the cavity of the base member.

[c2] 2.The rotating pin clasp apparatus of claim 1 wherein the rod further comprises a second recess and a second collar is formed on the base member and fitted around the second recess.

[c3] 3.The rotating pin clasp apparatus of claim 2 wherein the first recess is formed at a first end of the rod and the second recess is formed at a second end of the rod.

- [c4] 4.The rotating pin clasp apparatus of claim 1 wherein the pin contains a wire coil at the first end of the pin for providing a spring force for urging the pin away from the rod.
- [c5] 5.The rotating pin clasp apparatus of claim 1 wherein a cross-sectional area of the cavity of the base member is a semicircle for permitting the rod to rotate in the cavity of the base member.
- [c6] 6.The rotating pin clasp apparatus of claim 1 wherein a first indentation is formed on the inside surface of the first collar and a protruding rib is formed on the outer surface of the first recess, wherein the protruding rib and the first indentation have complementary shapes and the protruding rib inserts into the first indentation for preventing the rod from rotating in the cavity of the base member.
- [c7] 7.The rotating pin clasp apparatus of claim 6 wherein when the protruding rib is inserted into the first indentation, the rod is not capable of rotating in the cavity of the base member unless a torque greater than a predetermined value is applied to the rod.
- [c8] 8.The rotating pin clasp apparatus of claim 7 wherein the protruding rib is formed on the same side of the rod as

the pin.

- [c9] 9. The rotating pin clasp apparatus of claim 6 wherein the first indentation is formed on a top portion of the inside surface of the first collar farthest away from the base member.
- [c10] 10. The rotating pin clasp apparatus of claim 6 wherein the first indentation is formed on a bottom portion of the inside surface of the first collar closest to the base member.
- [c11] 11. The rotating pin clasp apparatus of claim 6 wherein a second indentation substantially identical to the first indentation is formed on the inside surface of the first collar.
- [c12] 12. The rotating pin clasp apparatus of claim 11 wherein the first indentation is formed on a top portion of the inside surface of the first collar farthest away from the base member and the second indentation is formed on a bottom portion of the inside surface of the first collar closest to the base member.
- [c13] 13. The rotating pin clasp apparatus of claim 1 further comprising a knob formed at a first end of the rod for rotating the rod in the cavity of the base member.

- [c14] 14.The rotating pin clasp apparatus of claim 13 wherein a hole is formed through the knob for receiving a string passing through the hole, the string being used for carrying the rotating pin clasp apparatus.
- [c15] 15.The rotating pin clasp apparatus of claim 13 wherein the first recess is formed on the rod between the knob and the first end of the pin.
- [c16] 16.The rotating pin clasp apparatus of claim 1 wherein when the rotating pin clasp apparatus is not fastened to fabric, the rod is capable of being rotated to hide the pin out of view.